APA Tables for IALSA's 2015 Portland Workshop

This report covers a subset of the models run in the IALSA workshop in Portland in February 2015.

# Notes

1. The current report covers 54 models, with 9 unique studies.
2. The SATSA tables are temporarily excluded because the RDS has duplicate entries for some of their models. (This is something Andrey can fix.)

# Study: eas

### grip vs gait

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | gait for males | grip for females | gait for females |
| int | age | -0.547(0.326),=.094 | -0.538(0.610),=.378 | +0.069(0.127),=.589 | -1.509(0.470),=.001 |
|  | edu | -0.256(0.485),=.597 | +0.691(1.150),=.548 | -0.136(0.161),=.398 | +0.294(0.862),=.733 |
|  | height | +0.211(0.236),=.372 | +0.080(0.452),=.859 | +0.217(0.074),=.004 | +0.054(0.334),=.871 |
| slope | age | -0.033(0.134),=.807 | -0.086(0.318),=.788 | -0.066(0.031),=.033 | -0.069(0.129),=.595 |
|  | edu | +0.023(0.153),=.880 | -0.279(0.255),=.273 | +0.097(0.044),=.029 | +0.111(0.286),=.698 |
|  | height | +0.002(0.096),=.985 | +0.015(0.211),=.942 | -0.011(0.023),=.620 | +0.058(0.080),=.471 |

### grip vs pef

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | pef for males | grip for females | pef for females |
| int | age | -5.442(7.002),=.437 | -0.529(0.277),=.056 | -4.276(2.005),=.033 | +0.065(0.123),=.596 |
|  | edu | +5.680(10.549),=.590 | -0.286(0.431),=.508 | -1.858(2.906),=.522 | -0.155(0.157),=.325 |
|  | height | +3.058(3.509),=.383 | +0.219(0.198),=.270 | +0.397(1.280),=.757 | +0.215(0.076),=.005 |
| slope | age | +0.723(2.111),=.732 | -0.047(0.091),=.604 | +0.187(0.554),=.736 | -0.064(0.033),=.049 |
|  | edu | -0.143(2.658),=.957 | +0.040(0.117),=.730 | +0.554(0.846),=.512 | +0.098(0.046),=.034 |
|  | height | -0.019(1.583),=.991 | -0.006(0.073),=.937 | +0.635(0.373),=.089 | -0.010(0.018),=.559 |

### pef vs gait

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | pef for males | gait for males | pef for females | gait for females |
| int | age | -4.751(5.542),=.391 | -0.471(0.579),=.416 | -4.331(1.669),=.009 | -1.563(0.481),=.001 |
|  | edu | +4.514(8.769),=.607 | +0.668(1.059),=.528 | -2.119(2.548),=.406 | +0.314(0.840),=.709 |
|  | height | +3.320(4.375),=.448 | +0.046(0.463),=.922 | +0.412(1.270),=.746 | +0.041(0.330),=.901 |
| slope | age | +0.216(2.182),=.921 | -0.079(0.287),=.783 | +0.204(0.488),=.676 | -0.040(0.123),=.745 |
|  | edu | +0.722(2.542),=.776 | -0.272(0.417),=.514 | +0.717(0.875),=.413 | +0.120(0.291),=.679 |
|  | height | -0.238(1.714),=.889 | +0.046(0.214),=.829 | +0.620(0.315),=.049 | +0.068(0.082),=.410 |

# Study: elsa

### fev vs gait

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | fev for males | gait for males | fev for females | gait for females |
| int | age | -0.033(0.002),=.000 | -0.008(0.001),=.000 | -0.026(0.001),=.000 | -0.010(0.001),=.000 |
|  | edu | +0.221(0.035),=.000 | +0.102(0.013),=.000 | +0.098(0.021),=.000 | +0.090(0.012),=.000 |
|  | height | +0.034(0.003),=.000 | +0.005(0.001),=.000 | +0.029(0.002),=.000 | +0.006(0.001),=.000 |
| slope | age | +0.000(0.000),=.159 | +0.000(0.000),=.000 | +0.000(0.000),=.407 | -0.001(0.000),=.000 |
|  | edu | -0.008(0.005),=.080 | +0.003(0.002),=.058 | +0.001(0.003),=.639 | +0.000(0.001),=.924 |
|  | height | +0.000(0.000),=.885 | +0.000(0.000),=.099 | -0.001(0.000),=.016 | +0.000(0.000),=.010 |

### grip vs fev

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | fev for males | grip for females | fev for females |
| int | age | -0.430(0.018),=.000 | -0.033(0.002),=.000 | -0.223(0.012),=.000 | -0.026(0.001),=.000 |
|  | edu | +1.334(0.350),=.000 | +0.220(0.035),=.000 | +1.017(0.219),=.000 | +0.098(0.021),=.000 |
|  | height | +0.290(0.023),=.000 | +0.034(0.003),=.000 | +0.223(0.017),=.000 | +0.029(0.002),=.000 |
| slope | age | -0.013(0.002),=.000 | +0.000(0.000),=.165 | -0.011(0.002),=.000 | +0.000(0.000),=.540 |
|  | edu | -0.041(0.044),=.350 | -0.008(0.005),=.095 | -0.017(0.026),=.513 | +0.001(0.003),=.674 |
|  | height | +0.002(0.003),=.545 | +0.000(0.000),=.848 | -0.004(0.002),=.040 | -0.001(0.000),=.014 |

### grip vs gait

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | gait for males | grip for females | gait for females |
| int | age | -0.428(0.018),=.000 | -0.008(0.001),=.000 | -0.222(0.012),=.000 | -0.009(0.001),=.000 |
|  | edu | +1.337(0.350),=.000 | +0.101(0.013),=.000 | +1.016(0.219),=.000 | +0.091(0.012),=.000 |
|  | height | +0.289(0.023),=.000 | +0.005(0.001),=.000 | +0.223(0.017),=.000 | +0.006(0.001),=.000 |
| slope | age | -0.014(0.002),=.000 | +0.000(0.000),=.000 | -0.011(0.002),=.000 | -0.001(0.000),=.000 |
|  | edu | -0.045(0.044),=.305 | +0.003(0.002),=.039 | -0.018(0.026),=.491 | +0.000(0.001),=.917 |
|  | height | +0.002(0.003),=.509 | +0.000(0.000),=.168 | -0.004(0.002),=.039 | +0.000(0.000),=.007 |

# Study: hrs

### grip vs gait

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | gait for males | grip for females | gait for females |
| int | age | -0.520(0.080),=.000 | -0.005(0.002),=.049 | -0.266(0.038),=.000 | -0.009(0.002),=.000 |
|  | edu | +0.064(0.127),=.615 | +0.008(0.005),=.085 | -0.062(0.079),=.433 | +0.016(0.004),=.000 |
|  | height | +25.429(6.701),=.000 | +0.118(0.199),=.553 | +9.508(4.962),=.055 | +0.079(0.184),=.668 |
| slope | age | -0.014(0.011),=.207 | -0.001(0.001),=.036 | -0.008(0.008),=.292 | -0.001(0.000),=.003 |
|  | edu | -0.020(0.020),=.316 | +0.001(0.001),=.161 | -0.024(0.017),=.166 | +0.001(0.001),=.117 |
|  | height | +0.122(0.896),=.892 | -0.033(0.050),=.510 | +1.382(0.863),=.109 | -0.027(0.044),=.545 |

### grip vs pef

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | pef for males | grip for females | pef for females |
| int | age | -0.520(0.080),=.000 | -4.152(1.059),=.000 | -0.266(0.038),=.000 | -3.230(0.596),=.000 |
|  | edu | +0.063(0.127),=.619 | +7.912(1.949),=.000 | -0.064(0.080),=.422 | +3.919(1.354),=.004 |
|  | height | +25.275(6.680),=.000 | +172.839(83.363),=.038 | +9.498(4.950),=.055 | +83.284(53.590),=.120 |
| slope | age | -0.014(0.011),=.206 | -0.040(0.149),=.791 | -0.008(0.008),=.317 | -0.474(0.091),=.000 |
|  | edu | -0.021(0.020),=.302 | -0.120(0.348),=.731 | -0.024(0.017),=.166 | -0.070(0.267),=.793 |
|  | height | +0.160(0.897),=.859 | +14.116(12.617),=.263 | +1.394(0.861),=.105 | +14.839(8.363),=.076 |

### pef vs gait

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | pef for males | gait for males | pef for females | gait for females |
| int | age | -4.184(1.059),=.000 | -0.005(0.002),=.047 | -3.242(0.596),=.000 | -0.009(0.002),=.000 |
|  | edu | +7.875(1.939),=.000 | +0.009(0.005),=.078 | +3.935(1.359),=.004 | +0.016(0.004),=.000 |
|  | height | +170.272(83.414),=.041 | +0.114(0.199),=.567 | +82.393(53.722),=.125 | +0.086(0.184),=.641 |
| slope | age | -0.028(0.151),=.855 | -0.001(0.001),=.041 | -0.474(0.091),=.000 | -0.001(0.000),=.002 |
|  | edu | -0.130(0.348),=.709 | +0.001(0.001),=.209 | -0.061(0.267),=.821 | +0.001(0.001),=.080 |
|  | height | +15.622(12.642),=.217 | -0.031(0.050),=.533 | +14.704(8.365),=.079 | -0.034(0.045),=.445 |

# Study: ilse

### grip vs tug

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | tug for males | grip for females | tug for females |
| int | age | +0.887(1.633),=.587 | -0.060(0.159),=.707 | +2.817(1.832),=.124 | -0.147(0.215),=.494 |
|  | edu | +0.743(3.496),=.832 | -0.191(0.249),=.443 | -3.112(3.589),=.386 | -0.506(0.373),=.175 |
|  | height | +0.644(0.259),=.013 | -0.019(0.021),=.350 | +0.632(0.324),=.051 | +0.008(0.025),=.767 |
| slope | age | -0.041(0.203),=.838 | +0.004(0.024),=.855 | -0.592(0.332),=.075 | +0.003(0.028),=.906 |
|  | edu | +0.125(0.482),=.796 | +0.024(0.043),=.571 | +0.670(0.498),=.178 | +0.049(0.053),=.362 |
|  | height | -0.048(0.034),=.153 | +0.000(0.003),=.886 | -0.017(0.049),=.728 | +0.000(0.003),=.888 |

# Study: lasa

### grip vs gait

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | gait for males | grip for females | gait for females |
| int | age | -0.344(0.047),=.000 | +0.040(0.123),=.746 | -0.264(0.030),=.000 | +0.142(0.048),=.003 |
|  | edu | -0.132(0.098),=.178 | -0.095(0.091),=.300 | +0.098(0.067),=.139 | -0.069(0.066),=.297 |
|  | height | +0.230(0.047),=.000 | -0.023(0.018),=.209 | +0.178(0.034),=.000 | -0.007(0.033),=.833 |
| slope | age | -0.039(0.008),=.000 | +0.033(0.031),=.286 | -0.013(0.003),=.000 | +0.034(0.009),=.000 |
|  | edu | +0.012(0.008),=.153 | -0.010(0.020),=.618 | -0.004(0.005),=.376 | -0.005(0.009),=.604 |
|  | height | -0.003(0.004),=.473 | +0.002(0.004),=.642 | -0.003(0.003),=.266 | +0.008(0.004),=.061 |

### grip vs pef

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | pef for males | grip for females | pef for females |
| int | age | -0.361(0.045),=.000 | -7.478(0.649),=.000 | -0.265(0.029),=.000 | -4.988(0.497),=.000 |
|  | edu | -0.089(0.094),=.343 | +4.424(1.439),=.002 | +0.106(0.066),=.107 | +2.123(1.219),=.082 |
|  | height | +0.222(0.045),=.000 | +3.195(0.634),=.000 | +0.172(0.034),=.000 | +1.948(0.550),=.000 |
| slope | age | -0.034(0.004),=.000 | -0.044(0.063),=.484 | -0.012(0.003),=.000 | -0.081(0.050),=.105 |
|  | edu | +0.003(0.008),=.721 | -0.046(0.133),=.729 | -0.006(0.005),=.269 | +0.000(0.111),=.999 |
|  | height | -0.002(0.004),=.679 | -0.030(0.056),=.593 | -0.003(0.003),=.417 | +0.013(0.050),=.795 |

### pef vs gait

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | pef for males | gait for males | pef for females | gait for females |
| int | age | -6.524(0.472),=.000 | +0.082(0.011),=.000 | -4.495(0.357),=.000 | +0.129(0.018),=.000 |
|  | edu | +4.455(1.111),=.000 | -0.066(0.025),=.008 | +3.083(0.871),=.000 | -0.049(0.036),=.175 |
|  | height | +3.174(0.497),=.000 | -0.017(0.010),=.106 | +2.534(0.411),=.000 | -0.026(0.019),=.160 |
| slope | age | -0.160(0.042),=.000 | +0.024(0.003),=.000 | -0.138(0.030),=.000 | +0.039(0.007),=.000 |
|  | edu | -0.058(0.089),=.515 | -0.013(0.005),=.014 | -0.088(0.065),=.175 | -0.008(0.009),=.386 |
|  | height | -0.021(0.036),=.561 | +0.001(0.003),=.738 | -0.042(0.030),=.171 | +0.011(0.005),=.014 |

# Study: nuage

### grip vs gait

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | gait for males | grip for females | gait for females |
| int | age | -1.389(0.127),=.000 | +0.042(0.009),=.000 | -0.940(0.113),=.000 | +0.055(0.007),=.000 |
|  | edu | +0.126(0.115),=.271 | -0.016(0.005),=.002 | +0.008(0.132),=.949 | -0.018(0.008),=.030 |
|  | height | +59.477(7.297),=.000 | -1.272(0.442),=.004 | -10.970(8.002),=.170 | -2.614(0.472),=.000 |
| slope | age | -0.028(0.028),=.318 | +0.018(0.005),=.001 | +0.016(0.029),=.565 | +0.014(0.003),=.000 |
|  | edu | -0.001(0.024),=.965 | +0.000(0.003),=.898 | -0.016(0.034),=.642 | +0.002(0.003),=.579 |
|  | height | -0.541(1.655),=.744 | -0.016(0.170),=.924 | -0.987(2.011),=.624 | +0.093(0.217),=.670 |

### grip vs tug

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | tug for males | grip for females | tug for females |
| int | age | -1.391(0.127),=.000 | +0.139(0.019),=.000 | -0.941(0.113),=.000 | +0.173(0.019),=.000 |
|  | edu | +0.125(0.115),=.274 | -0.015(0.014),=.298 | +0.009(0.132),=.947 | +0.003(0.021),=.886 |
|  | height | +59.554(7.299),=.000 | -1.012(1.185),=.393 | -10.912(8.001),=.173 | -3.389(1.289),=.009 |
| slope | age | -0.028(0.028),=.320 | +0.048(0.012),=.000 | +0.014(0.029),=.621 | +0.039(0.007),=.000 |
|  | edu | -0.001(0.024),=.972 | -0.001(0.008),=.850 | -0.015(0.034),=.666 | +0.008(0.007),=.270 |
|  | height | -0.567(1.653),=.731 | +0.499(0.479),=.298 | -0.994(2.009),=.621 | +0.357(0.485),=.461 |

# Study: octo

### grip vs gait

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | gait for males | grip for females | gait for females |
| int | age | -0.160(0.067),=.017 | +0.282(0.101),=.005 | -0.154(0.042),=.000 | +0.321(0.090),=.000 |
|  | edu | -0.133(0.051),=.010 | -0.075(0.096),=.433 | +0.171(0.068),=.012 | -0.315(0.127),=.013 |
|  | height | +0.109(0.037),=.003 | -0.058(0.042),=.168 | +0.092(0.023),=.000 | -0.044(0.053),=.407 |
| slope | age | -0.059(0.021),=.005 | -0.003(0.034),=.921 | -0.004(0.007),=.636 | -0.005(0.042),=.906 |
|  | edu | -0.001(0.012),=.907 | +0.006(0.028),=.830 | -0.009(0.010),=.392 | -0.031(0.044),=.481 |
|  | height | -0.009(0.006),=.103 | +0.011(0.011),=.314 | -0.002(0.003),=.460 | +0.009(0.020),=.664 |

### grip vs pef

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | grip for males | pef for males | grip for females | pef for females |
| int | age | -0.163(0.067),=.014 | -11.406(4.142),=.006 | -0.155(0.042),=.000 | -6.623(1.895),=.000 |
|  | edu | -0.134(0.050),=.008 | +6.933(2.092),=.001 | +0.171(0.068),=.012 | +5.828(2.655),=.028 |
|  | height | +0.109(0.037),=.003 | +2.092(1.475),=.156 | +0.091(0.023),=.000 | +2.595(0.984),=.008 |
| slope | age | -0.054(0.020),=.007 | -0.010(1.037),=.992 | -0.003(0.007),=.639 | +0.942(0.355),=.008 |
|  | edu | -0.001(0.011),=.963 | -0.442(0.587),=.451 | -0.009(0.010),=.384 | -0.260(0.456),=.568 |
|  | height | -0.010(0.006),=.083 | +0.200(0.266),=.454 | -0.002(0.003),=.517 | -0.209(0.195),=.283 |

### pef vs gait

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | pef for males | gait for males | pef for females | gait for females |
| int | age | -11.398(4.151),=.006 | +0.270(0.102),=.008 | -6.120(1.859),=.001 | +0.315(0.090),=.000 |
|  | edu | +7.045(2.110),=.001 | -0.087(0.095),=.359 | +5.664(2.642),=.032 | -0.306(0.126),=.015 |
|  | height | +2.132(1.476),=.149 | -0.057(0.043),=.178 | +2.618(0.976),=.007 | -0.043(0.053),=.420 |
| slope | age | +0.166(0.993),=.868 | -0.006(0.033),=.853 | +0.820(0.456),=.072 | -0.007(0.043),=.864 |
|  | edu | -0.579(0.572),=.312 | +0.007(0.025),=.784 | -0.159(0.572),=.782 | -0.030(0.052),=.561 |
|  | height | +0.224(0.262),=.392 | +0.007(0.011),=.530 | -0.252(0.231),=.276 | +0.011(0.024),=.652 |

# Study: radc

### fev vs gait

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | fev for males | gait for males | fev for females | gait for females |
| int | age | -0.027(0.004),=.000 | -0.007(0.002),=.000 | -0.024(0.002),=.000 | -0.007(0.001),=.000 |
|  | edu | +0.021(0.009),=.018 | +0.011(0.003),=.001 | +0.012(0.004),=.001 | +0.011(0.002),=.000 |
|  | height | +1.637(0.451),=.000 | +0.137(0.153),=.369 | +1.625(0.216),=.000 | +0.231(0.087),=.008 |
| slope | age | +0.000(0.001),=.711 | -0.001(0.001),=.153 | +0.001(0.000),=.054 | -0.001(0.000),=.001 |
|  | edu | +0.000(0.002),=.868 | -0.002(0.001),=.114 | +0.000(0.001),=.923 | -0.002(0.001),=.007 |
|  | height | +0.109(0.128),=.395 | +0.000(0.057),=.995 | -0.068(0.041),=.095 | -0.013(0.031),=.665 |

### fev vs grip

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | fev for males | grip for males | fev for females | grip for females |
| int | age | -0.027(0.004),=.000 | -1.050(0.127),=.000 | -0.024(0.002),=.000 | -0.608(0.049),=.000 |
|  | edu | +0.020(0.009),=.022 | +0.030(0.260),=.908 | +0.012(0.004),=.001 | +0.393(0.130),=.002 |
|  | height | +1.670(0.451),=.000 | +80.607(11.316),=.000 | +1.629(0.216),=.000 | +38.991(4.195),=.000 |
| slope | age | +0.000(0.001),=.788 | -0.038(0.040),=.333 | +0.001(0.000),=.072 | -0.020(0.012),=.094 |
|  | edu | +0.001(0.002),=.775 | +0.096(0.069),=.160 | +0.000(0.001),=.938 | -0.079(0.032),=.014 |
|  | height | +0.113(0.132),=.390 | -2.884(3.590),=.422 | -0.067(0.041),=.098 | -1.252(1.162),=.281 |

### gait vs grip

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | gait for males | grip for males | gait for females | grip for females |
| int | age | -0.007(0.002),=.000 | -1.048(0.127),=.000 | -0.007(0.001),=.000 | -0.610(0.050),=.000 |
|  | edu | +0.011(0.003),=.001 | +0.030(0.261),=.907 | +0.012(0.002),=.000 | +0.396(0.130),=.002 |
|  | height | +0.148(0.155),=.340 | +80.707(11.313),=.000 | +0.229(0.087),=.008 | +39.137(4.196),=.000 |
| slope | age | -0.001(0.001),=.364 | -0.037(0.040),=.349 | -0.001(0.000),=.002 | -0.019(0.012),=.122 |
|  | edu | -0.002(0.001),=.142 | +0.093(0.067),=.160 | -0.002(0.001),=.011 | -0.082(0.033),=.011 |
|  | height | +0.046(0.054),=.391 | -2.611(3.578),=.466 | -0.013(0.030),=.678 | -1.216(1.185),=.305 |

# Session Information

For the sake of documentation and reproducibility, the current report was rendered on a system using the following software.

Report rendered by Will at 2015-10-27, 17:16 -0500

R version 3.2.2 Patched (2015-10-11 r69514)  
Platform: x86\_64-w64-mingw32/x64 (64-bit)  
Running under: Windows >= 8 x64 (build 9200)  
  
locale:  
[1] LC\_COLLATE=English\_United States.1252 LC\_CTYPE=English\_United States.1252 LC\_MONETARY=English\_United States.1252  
[4] LC\_NUMERIC=C LC\_TIME=English\_United States.1252   
  
attached base packages:  
[1] stats graphics grDevices utils datasets methods base   
  
other attached packages:  
[1] magrittr\_1.5 ggplot2\_1.0.1 knitr\_1.11   
  
loaded via a namespace (and not attached):  
 [1] Rcpp\_0.12.1 MASS\_7.3-44 testit\_0.4 munsell\_0.4.2 colorspace\_1.2-6 R6\_2.1.1   
 [7] highr\_0.5.1 stringr\_1.0.0 plyr\_1.8.3 dplyr\_0.4.3 tools\_3.2.2 parallel\_3.2.2   
[13] grid\_3.2.2 gtable\_0.1.2 DBI\_0.3.1 htmltools\_0.2.6 lazyeval\_0.1.10 yaml\_2.1.13   
[19] digest\_0.6.8 assertthat\_0.1 tidyr\_0.3.1 reshape2\_1.4.1 formatR\_1.2.1 evaluate\_0.8   
[25] rmarkdown\_0.8.1 stringi\_1.0-1 scales\_0.3.0 proto\_0.3-10